

Converting Colors

Hex(05D171)

Have a look what the booklet for
Hex(05D171) contains.

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Color

Hex(05D171)

Conversions

Conversions Part 1

Format	Color
Hex	05D171
RGB	5, 209, 113
RGB Percent	2%, 82%, 44%
CMY	0.9804, 0.1804, 0.5569
CMYK	0.98, 0.00, 0.46, 0.18
HSL	152°, 95%, 42%
HSV	152°, 98%, 82%
XYZ	25.8437, 46.8254, 23.2989
YIQ	137.0600, -90.7680, -73.1040

Conversions

Conversions Part 2

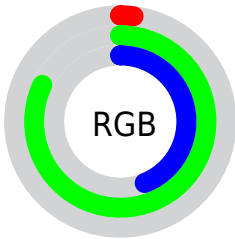
Format	Color
RYB	5, 138, 209
Decimal	381297
CIELab	74.08, -64.34, 35.68
CIELCh	74, 73.575, 150.989
Yxy	46.8254, 0.2693, 0.4879
Android (android.graphics.Color)	4278571377 (0xFF05D171)
YUV	137.0600, -11.8616, -115.8166
Hunter-Lab	68.4291, -52.3367, 27.7132

Details

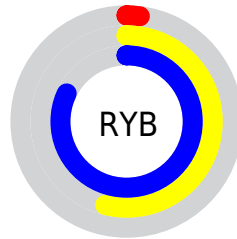
The Hex color **05D171** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D10565**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68FFA6**, and **00993F** is the 20% darker color. If you saturate the color by 10%, you get **00D16F**, and if you desaturate by 10%, it is **1AD17B**.

Distribution



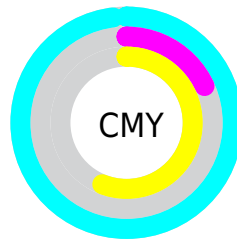
- Red (2%)
- Green (82%)
- Blue (44%)



- Red (2%)
- Yellow (54%)
- Blue (82%)



- Cyan (98%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (98%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05D171 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 05D171 by changing the saturation by 10% instead.

 05D171

 05D171

FFFFFF

 00B558

 68FFA6

 00993F

 88FFC2

 007E26

 A8FFDE

 00630C

 C7FFFB

 004A00

 E6FFFF

 003300

 001700

 000000

 05D171

 05D171

00D16F

1AD17B

2FD185

44D18F

59D198

6ED1A2

82D1AC

97D1B6

ACD1C0

C1D1CA

Harmonies

Analogous

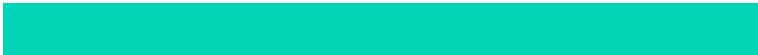
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92C635



05D171



00D6B6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



05D171



00BDFE



FF7E75

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



05D171



D10565

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF74B7



05D171



B8A3FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



05D171



00CEFF



FF85F9



FF9A3C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



05D171



00D6E5



FF85F9



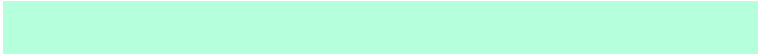
FF788A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



05D171



B5FFDC



68D105



53806A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



05D171



00FF87



05CED1



5E6964



00A859



002916

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D10565



FF0078



D10805



695E63



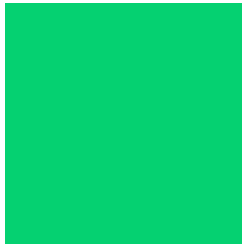
A8004F



290013

Previews

White Background



This preview shows how the Hex color 05D171 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 05D171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 05D171 Background



This preview shows how black text looks on a background with the Hex color 05D171.

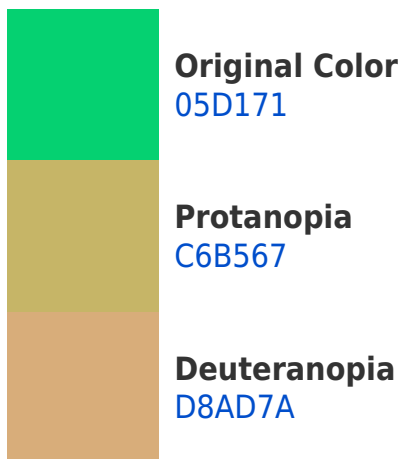


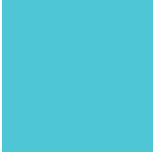
This preview shows how white text looks on a background with the Hex color 05D171.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4EC6D6

Trichromacy



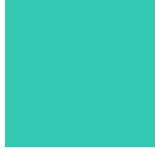
Original Color
05D171



Protanomaly
80BF6B



Deuteranomaly
8BBA77



Tritanomaly
33CAB1

Monochromacy



Original Color
05D171



Achromatopsia
898989



Achromatomaly
59A380

CSS Examples

Text

The CSS property to change the color of the text to Hex 05D171 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #05D171 looks like.

```
.text, #text, p{  
    color:#05D171  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #05D171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05D171
}
```

Border

The CSS property to change the border of an element to Hex 05D171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05D171 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#05D171 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #05D171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05D171; -webkit-box-shadow:4px 4px  
4px 4px #05D171; box-shadow:4px 4px 4px  
4px #05D171 }
```

Background

The CSS property to change the background color of an element to Hex 05D171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05D171 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#05D171 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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